

Iowa Crops & Weather



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For the week ending October 7, 2007

RAIN SLOWS HARVEST

Agricultural Summary: Farmers are harvesting around rain showers. Rain is keeping bean stems wet and difficult to combine. Many farmers are starting to harvest corn, which has dried well, while they wait for beans to dry again. Hail damaged some fields in Ida and Plymouth counties, while unharvested low areas are under water in the eastern part of the state. The warm days and moisture aided pastures.

There were 4.0 days suitable for fieldwork, compared to 6.4 days a year ago. Topsoil moisture rated zero percent very short, 2 percent short, 73 percent adequate, and 25 percent surplus across the state. Subsoil moisture rated 1 percent very short, 4 percent short, 77 percent adequate, and 18 percent surplus.

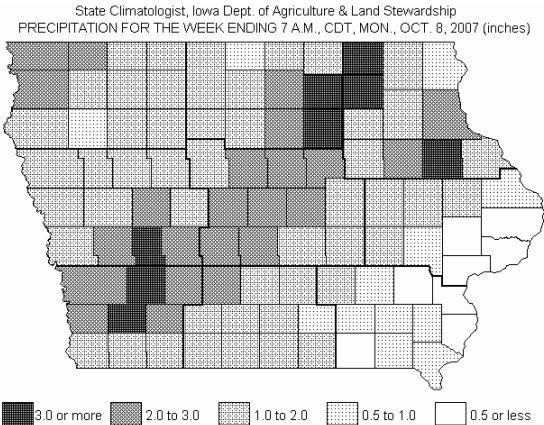
Field Crops Report: Twenty-two percent of the corn has been harvested, 6 percentage points ahead of both last year's percentage and the five-year average. Statewide, the percent moisture of corn in the field is 20 percent, with harvested corn moisture averaging 17 percent. Corn condition rated 2 percent very poor, 6 percent poor, 19 percent fair, 49 percent good, and 24 percent excellent. Fifty-eight percent of the soybeans have been harvested, 4 percentage points behind last year's harvest at this time and 1 percentage point behind the five-year average. Soybean condition rated 1 percent very poor, 4 percent poor, 19 percent fair, 52 percent good, and 24 percent excellent.

Livestock and Pasture Report: Pasture condition rated 2 percent very poor, 8 percent poor, 26 percent fair, 46 percent good, and 18 percent excellent.

IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

Unseasonably warm weather was the rule throughout the past week. Temperatures were a few degrees above normal from Monday (1st) through Wednesday (3rd) with daytime highs mostly in the 70's. Very warm and humid air dominated the state for the remainder of the week with highs mostly in the 80's except for far western Iowa where cooler air began to move in on Sunday (7th). Temperature extremes for the week ranged from a Wednesday (3rd) morning low of 37 degrees at Sibley to a Sunday (7th) afternoon high of 91 degrees at Burlington. Temperatures for the week as a whole averaged 12.3 degrees above normal. Two storm systems soaked the state on Tuesday (2nd) and Sunday (7th) into Monday (8th) morning. Both rain events brought moderate to heavy rain from southwest, through central, into northeast Iowa with lightest amounts in the southeast. Another brief period of showers and thunderstorms brought light to moderate rain to the northwest one-half of Iowa on Thursday (4th) night into Friday (5th) morning. Weekly rain totals varied from only 0.19 inches at Clinton Airport to 6.73 inches at Manchester and 7.59 inches at Edgewood (Clayton Co.). The statewide average precipitation was 1.71 inches or more than double the weekly normal of 0.72 inches.

PRELIMINARY IOWA PRECIPITATION Provided by Harry Hillaker, State Climatologist



Statewide Crop Conditions as of October 7, 2007

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	6	19	49	24
Range & Pasture	2	8	26	46	18
Soybeans	1	4	19	52	24

Statewide Harvesting Conditions as of October 7, 2007

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Corn lodging	54	28	12	6
Corn ear droppage	75	18	6	1
Soybeans lodging	73	20	6	1
Soybeans shattering	73	19	7	1

State Post-Harvest Conditions as of October 7, 2007

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Grain movement	26	35	26	13

Field Work and Crop Progress as of October 7, 2007

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn harvested (grain or seed)	17	22	33	19	22	24	21	15	29	22	13	16	16
Soybeans harvested	68	89	65	51	65	57	23	18	40	58	35	62	59

Days Suitable & Soil Moisture Condition as of October 7, 2007

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	3.6	4.1	3.6	3.8	4.1	4.6	4.1	4.4	4.8	4.0	5.2	6.4
Topsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Very short	2	0	0	0	0	0	0	0	0	0	3
Short	4	1	0	0	3	2	5	2	6	2	4	18
Adequate	58	72	63	74	64	97	77	78	80	73	86	75
Surplus	36	27	37	26	33	1	18	20	14	25	10	4
Subsoil moisture												
	Very short	4	0	0	0	0	1	0	3	0	1	4
Short	6	1	1	3	3	3	6	5	11	4	4	24
Adequate	68	86	70	82	62	93	91	74	75	77	86	68
Surplus	22	13	29	15	35	3	3	18	14	18	9	4

Weather Summary For Iowa Agricultural Statistics Service
For the week ending: Sunday, October 7, 2007, Prepared by AWIS, Inc.

STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
	North West District									
Estherville	88	43	67	15	0.99	0.41	22.93	1.69	124	92
Sioux Center	88	40	68	13	0.27	-0.28	22.05	1.37	129	82
Spencer	88	42	68	15	0.74	0.16	21.52	-0.56	127	89
Spirit Lake	87	43	68	16	0.19	-0.35	24.68	3.68	130	67
North Central District										
Britt	85	44	66	10	1.42	0.80	31.33	8.24	111	60
Humboldt	83	44	65	10	0.75	0.12	35.43	11.75	110	70
Mason City	86	45	67	13	2.01	1.34	31.98	7.52	119	80
Osage	86	44	66	11	1.94	1.22	27.70	2.52	115	62
North East District										
Decorah	87	43	68	13	1.88	1.22	38.26	14.20	130	82
Dubuque	85	51	69	14	1.94	1.19	29.36	3.12	132	87
Elkader	88	45	67	12	1.45	0.80	37.09	13.35	123	60
Fayette	87	45	66	12	1.80	1.11	37.23	12.30	117	72
Waterloo	87	45	69	14	2.83	2.15	34.58	10.07	133	89
West Central District										
Carroll	86	44	67	12	1.05	0.39	29.33	4.44	122	76
Castana	85	44	66	9	0.88	0.21	30.97	8.55	112	64
Guthrie Center	85	40	68	12	1.32	0.62	44.17	19.47	128	79
Harlan	87	44	67	11	1.33	0.53	33.83	9.18	121	73
Jefferson	86	45	68	12	0.81	0.15	29.23	4.34	125	79
Logan	87	40	67	10	1.07	0.37	34.63	11.42	117	63
Rockwell City	85	45	66	9	0.66	-0.02	36.37	12.30	112	58
Sac City	86	44	67	12	0.97	0.30	37.19	13.52	119	76
Sioux City	88	38	68	12	0.72	0.18	29.71	10.33	127	76
Central District										
Boone	84	43	67	11	1.17	0.47	34.87	9.68	118	65
Des Moines	85	47	70	12	1.62	0.94	28.53	4.86	141	78
Grundy Center	86	47	68	14	1.47	0.79	37.03	12.87	125	82
Marshalltown	85	45	69	15	1.65	0.98	26.18	0.90	134	88
Newton	85	49	68	11	1.32	0.58	28.52	4.09	128	71
Perry	86	43	67	12	1.48	0.83	31.54	7.67	123	75
Toledo	85	48	68	13	1.74	1.09	28.51	3.03	126	80
East Central District										
Cedar Rapids	86	46	68	12	1.62	0.96	26.78	2.65	132	78
Davenport	88	47	71	13	0.93	0.28	30.26	6.83	147	84
Iowa City	88	49	69	11	1.05	0.31	27.46	1.23	137	67
Lowden	89	44	68	13	1.47	0.74	29.56	2.90	126	73
Maquoketa	87	47	67	13	1.36	0.68	28.78	4.31	121	75
Muscatine	88	51	70	12	1.24	0.51	30.89	6.17	142	96
South West District										
Atlantic	85	39	70	14	1.76	1.01	31.66	8.38	137	88
Clarinda	87	39	67	11	0.83	0.05	33.48	6.26	122	66
Glenwood	88	41	68	11	2.09	1.38	36.68	12.04	130	65
Red Oak	86	43	68	10	1.31	0.58	36.88	10.05	128	63
Sidney	85	49	69	10	1.55	0.78	30.74	5.30	132	67
South Central District										
Allerton	83	44	67	10	0.96	0.09	39.65	13.63	124	92
Beaconsfield	84	49	68	11	1.55	0.75	33.17	8.10	128	71
Chariton	85	43	68	11	0.92	0.05	33.86	7.15	125	67
Indianola	87	43	68	12	1.79	1.04	31.89	7.26	131	74
Leon	85	43	68	11	1.25	0.45	34.65	8.74	128	69
South East District										
Bloomfield	86	50	69	10	0.92	0.08	34.69	8.36	135	66
Burlington	90	50	73	15	0.75	-0.04	25.92	1.56	164	99
Ottumwa	87	46	70	12	0.96	0.21	33.26	8.89	143	78
Washington	87	45	69	9	0.69	-0.07	36.43	12.65	131	83

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2007: AWIS, Inc. All Rights Reserved.

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